

Please type a plus sign (+) inside this box → +

Substitute for form 1449A/B/PTO		<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/573,962
		Filing Date	March 29, 2006
		First Named Inventor	Dimitrov et al.
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
		Attorney Docket Number	251149
Cheat	1	of	3
		DHHS Reference No.	E-316-2003-0-US-03

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

T

3

Complete if Known

Application Number	10/573,962
Filing Date	March 29, 2006
First Named Inventor	Dimitrov et al.
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	251149

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

OTHER - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Doc. No.	Includ name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Translation Yes	Translation No**
	A G	CHENG et al., "Construction, Expression and Characterization of the Engineered Antibody Against Tumor Surface Antigen," <i>Cell Research</i> , 13(1): 35-48 (2003)		
	A H	DALGLEISH et al., "The CD4 (T4) Antigen is an Essential Component of the Receptor for the AIDS Retrovirus," <i>Nature</i> , 312: 763-767 (1984);		
	A I	DIMITROV, D.S., "Cell Biology of Virus Entry," <i>Cell</i> , 101(7): 697-702 (2000)		
	A J	DIMITROV, D.S., "Fusin - a place for HIV-1 and T4 Cells to Meet. The Identification of the Long Sought Coreceptor Mediating HIV-1 Entry Raises New Hopes for AIDS Prevention and Treatment," <i>Nature Med.</i> , 2: 640-641 (1996)		
	A K	KLATZMANN et al., "T-lymphocyte T4 Molecule Behaves as the Receptor for Human Retrovirus LAV" <i>Nature</i> , 312: 767-768 (1984)		
	A L	LABRIJN ARAN F. et al., "Access of Antibody Molecules to the Conserved Coreceptor Binding Site on Glycoprotein gp120 Is Sterically Restricted on Primary Human Immunodeficiency Virus Type 1," <i>Journal of Virology</i> , 77 (19): 10557-10565 (Oct. 2003)		
	A M	MOORE et al., "Probing the Structure of the V2 Domain of Human Immunodeficiency Virus Type 1 Surface Glycoprotein gp120 with a Panel of Eight Monoclonal Antibodies: Human Immune Response to the V1 and V2 Domains", <i>Journal of Virology</i> , 67 (10): 6136-6151 (1993)		

Examiner Signature _____ **Date Considered** _____

* A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).
+ An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH /MHA/

Please type a plus sign (+) inside this box →

Substitute for form 1449A/B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

2

of

3

Complete If Known

Application Number	10/573,952
Filing Date	March 29, 2006
First Named Inventor	Dimitrov et al.
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	251149
DHHS Reference No.	E-316-2003-0-US-03

OTHER - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Translation Yes	Translation No*
A N	MOULARD M. et al.	"Broadly cross-reactive HIV-1-neutralizing human monoclonal Fab selected for binding to gp120-CD4-CCR5 complexes", <i>Proceedings of the National Academy of Sciences of USA, National Academy of Science, Washington, D.C., 99</i> (10): 6913-6918 (05-14-2002)		
A O	MYERS et al.,	"Targeting Immune Effector Molecules to Human Tumor Cells Through Genetic Delivery of 5T4-specific scFv Fusion Proteins," <i>Cancer Gene Therapy</i> , 9: 884-896 (2002)		
A P	PARREN et al.,	"The Antiviral Activity of Antibodies <i>In Vitro</i> and <i>In Vivo</i> " <i>Advances in Immunology</i> , 77: 195-262 (2001)		
A Q	PARREN et al.,	"Neutralization of Human Immunodeficiency Virus Type 1 by Antibody to gp120 Is Determined Primarily by Occupancy of Sites on the Virion Irrespective of Epitope Specificity" <i>Journal of Virology</i> , 72 (5): 3512-3519 (1998)		
A R	RAY et al.,	"Selection of Single Chain Variable Fragments (scFv) Against the Glycoprotein Antigen of the Rabies Virus from a Human Synthetic scFv Phage Display Library and their Fusion with the Fc Region of Human IgG1," <i>Clin. Exp. Immunol.</i> 125: 94-101 (2001)		
A S	RIZZUTO et al.,	"Fine Definition of a Conserved CCR5-Binding Region on the Human Immunodeficiency Virus Type 1 Glycoprotein 120," <i>AIDS Res. Hum. Retrovir.</i> , 16 (8): 741-749 (2000)		
A T	RIZZUTO et al.,	"A Conserved HIV gp120 Glycoprotein Structure Involved in Chemokine Receptor Binding" <i>Science</i> , 280: 1949-1953 (1998)		
A U	SATTENTAU et al.,	"Conformational Changes Induced in the Human Immunodeficiency Virus Envelope Glycoprotein by Soluble CD4 Binding," <i>J. Exp. Med.</i> , 174: 407-415 (1991)		
A V	SATTENTAU et al.,	"Conformational Changes Induced in the Envelope Glycoproteins of the Human and Simian Immunodeficiency Viruses by Soluble Receptor Binding," <i>Journal of Virology</i> , 67 (12): 7383-7393 (1993)		
A W	THALI et al.,	"Characterization of Conserved Human Immunodeficiency Virus Type 1 gp120 Neutralization Epitopes Exposed upon gp120-CD4 Binding" <i>Journal of Virology</i> , 67 (7): 3978-3988 (1993)		
A X	TRKOLA et al.,	"Human Monoclonal Antibody 2G12 Defines a Distinctive Neutralization Epitope on the gp120 Glycoprotein of Human Immunodeficiency Virus Type 1," <i>Journal of Virology</i> , 70(2): 1100-1108 (1996)		
A Y	TRKOLA et al.,	"CD-4 Dependent, Antibody-Sensitive Interactions Between HIV-1 and its Co-Receptor CCR-5," <i>Nature</i> , 384: 184-187 (1996)		
A Z	UGOLINI et al.,	"Inhibition of Virus Attachment to CD4+ Target Cells is a Major Mechanism of T Cell Line-adapted HIV-1 Neutralization" <i>J. Exp. Med.</i> , 186 (8): 1287-1298 (1997))		
B A	WU et al.,	"CD4-Induced Interaction of Primary HIV-1 gp120 Glycoproteins with the Chemokine Receptor CCR-5" <i>Nature</i> , 384: 179-183 (1996)		
B B	WU et al.,	"Multimerization of a Chimeric Anti-CD20 Single-Chain Fv-Fc Fusion Protein is Mediated Through Variable Domain Exchange," <i>Protein Engineering</i> , 14(12): 1025-1033 (2001)		

Examiner Signature

Date Considered

* A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(e)(3).

+ An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /MH/

Please type a plus sign (+) inside this box → +

Substitute for Form 1449A/B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/573,952
				Filing Date	March 29, 2006
				First Named Inventor	Dimitrov et al.
				Group Art Unit	Unassigned
				Examiner Name	Unassigned
				Attorney Docket Number	251149
Sheet	3	of	3	DHHS Reference No.	E-316-2003/0-US-03

OTHER - NON PATENT LITERATURE DOCUMENTS

Examiner Signature *[Signature]* **Date Considered** 09/11/2009

* A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

+ An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.88(a)(3).

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /MHW